RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ *10/511, 480A*

Source: _____ *IFW16*

Date Processed by STIC: _____ *04/11/2007*

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IFW16

RAW SEQUENCE LISTING   DATE: 04/11/2007
PATENT APPLICATION: US/10/511,480A   TIME: 10:50:30

Input Set : N:\EFS\04_11_07
\10511480A_efs\20070409_Sequence_Listing_20747_210.txt
Output Set: N:\CRF4\04112007\J511480A.raw

```
 3 <110> APPLICANT: Jabbour, Henry Nicolas
 4         Milne, Stuart Angus
 5         Critchley, Hilary Octavia Dawn
 7 <120> TITLE OF INVENTION: FP RECEPTOR ANTAGONISTS OR PGF2 ALPHA ANTAGONISTS FOR
TREATING
 8         PATHOLOGICAL CONDITIONS OF THE UTERUS
10 <130> FILE REFERENCE: 20747/210
12 <140> CURRENT APPLICATION NUMBER: US 10/511,480A
13 <141> CURRENT FILING DATE: 2005-11-15
15 <150> PRIOR APPLICATION NUMBER: PCT/GB03/01521
16 <151> PRIOR FILING DATE: 2003-04-10
18 <150> PRIOR APPLICATION NUMBER: GB 0208785.6
19 <151> PRIOR FILING DATE: 2002-04-17
21 <160> NUMBER OF SEQ ID NOS: 20
23 <170> SOFTWARE: PatentIn version 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 19
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial
30 <220> FEATURE:
31 <223> OTHER INFORMATION: PCP-1
33 <400> SEQUENCE: 1
35 Arg Val Lys Phe Lys Ser Gln Gln His Arg Gln Gly Arg Ser His His
36 1               5                   10                  15
39 Leu Glu Met
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 52
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial
48 <220> FEATURE:
49 <223> OTHER INFORMATION: PCP-2
51 <400> SEQUENCE: 2
53 Arg Lys Ala Val Leu Lys Asn Leu Tyr Lys Leu Ala Ser Gln Cys Cys
54 1               5                   10                  15
57 Gly Val His Val Ile Ser Leu His Ile Trp Glu Leu Ser Ser Ile Lys
58              20                  25                  30
61 Asn Ser Leu Lys Val Ala Ala Ile Ser Glu Ser Pro Val Ala Glu Lys
62           35                  40                  45
65 Ser Ala Ser Thr
66      50
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 30
71 <212> TYPE: PRT
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72 <213> ORGANISM: Artificial

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 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: PCP-3
 78 <220> FEATURE:
 79 <221> NAME/KEY: MOD_RES
 80 <222> LOCATION: (30)..(30)
 81 <223> OTHER INFORMATION: AMIDATION
 83 <400> SEQUENCE: 3

 85 Cys Leu Ser Glu Glu Ala Lys Glu Ala Arg Arg Ile Asn Asp Glu Ile
 86 1               5                   10                  15
 89 Glu Arg Gln Leu Arg Arg Asp Lys Arg Asp Ala Arg Arg Glu
 90              20                  25                  30
 93 <210> SEQ ID NO: 4
 94 <211> LENGTH: 15
 95 <212> TYPE: PRT
 96 <213> ORGANISM: Artificial
 98 <220> FEATURE:
 99 <223> OTHER INFORMATION: PCP-4
102 <220> FEATURE:
103 <221> NAME/KEY: MOD_RES
104 <222> LOCATION: (15)..(15)
105 <223> OTHER INFORMATION: AMIDATION
107 <400> SEQUENCE: 4

109 Lys Asp Thr Ile Leu Gln Leu Asn Leu Lys Glu Tyr Asn Leu Val
110 1               5                   10                  15
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 8
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: PCP-8
121 <400> SEQUENCE: 5

123 Ile Leu Gly His Arg Asp Tyr Lys
124 1               5
127 <210> SEQ ID NO: 6
128 <211> LENGTH: 8
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: PCP-10
135 <400> SEQUENCE: 6

137 Trp Glu Asp Arg Phe Tyr Leu Leu
138 1               5
141 <210> SEQ ID NO: 7
142 <211> LENGTH: 9
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: EP4 receptor antagonist
149 <400> SEQUENCE: 7
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151 Ile Phe Thr Ser Tyr Leu Glu Cys Leu
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155 <210> SEQ ID NO: 8
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157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial
160 <220> FEATURE:
161 <223> OTHER INFORMATION: EP4 receptor antagonist
163 <400> SEQUENCE: 8
165 Ile Phe Ala Ser Tyr Glu Cys Leu
166 1               5
169 <210> SEQ ID NO: 9
170 <211> LENGTH: 8
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: EP4 receptor antagonist
177 <400> SEQUENCE: 9
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180 1               5
183 <210> SEQ ID NO: 10
184 <211> LENGTH: 8
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial
188 <220> FEATURE:
189 <223> OTHER INFORMATION: EP4 receptor antagonist
191 <400> SEQUENCE: 10
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194 1               5
197 <210> SEQ ID NO: 11
198 <211> LENGTH: 8
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial
202 <220> FEATURE:
203 <223> OTHER INFORMATION: EP4 receptor antagonist
205 <400> SEQUENCE: 11
207 Ile Leu Ala Ser Tyr Glu Cys Leu
208 1               5
211 <210> SEQ ID NO: 12
212 <211> LENGTH: 8
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial
216 <220> FEATURE:
217 <223> OTHER INFORMATION: EP4 receptor antagonist
219 <400> SEQUENCE: 12
221 Ile Phe Thr Ser Thr Asp Cys Leu
222 1               5
225 <210> SEQ ID NO: 13
226 <211> LENGTH: 7
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      228 <213> ORGANISM: Artificial
      230 <220> FEATURE:
      231 <223> OTHER INFORMATION: EP4 receptor antagonist
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      235 <221> NAME/KEY: UNSURE
      236 <222> LOCATION: (1)..(1)
      237 <223> OTHER INFORMATION: Xaa at position 1 is 4-biphenyl alanine
      239 <400> SEQUENCE: 13
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      242 1               5
      245 <210> SEQ ID NO: 14
      246 <211> LENGTH: 7
      247 <212> TYPE: PRT
      248 <213> ORGANISM: Artificial
      250 <220> FEATURE:
      251 <223> OTHER INFORMATION: EP4 receptor antagonist
      254 <220> FEATURE:
      255 <221> NAME/KEY: UNSURE
      256 <222> LOCATION: (1)..(1)
      257 <223> OTHER INFORMATION: Xaa at position 1 is homophenyl alanine
      259 <400> SEQUENCE: 14
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      262 1               5
      265 <210> SEQ ID NO: 15
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      267 <212> TYPE: DNA
      268 <213> ORGANISM: Artificial
      270 <220> FEATURE:
      271 <223> OTHER INFORMATION: FP Receptor Fwd Primer
      273 <400> SEQUENCE: 15
      274 gcagctgcgc ttctttcaa                                        19
      277 <210> SEQ ID NO: 16
      278 <211> LENGTH: 30
      279 <212> TYPE: DNA
      280 <213> ORGANISM: Artificial
      282 <220> FEATURE:
      283 <223> OTHER INFORMATION: FP Receptor Rev Primer
      285 <400> SEQUENCE: 16
      286 cactgtcatg aagattactg aaaaaaatac                            30
      289 <210> SEQ ID NO: 17
      290 <211> LENGTH: 24
      291 <212> TYPE: DNA
      292 <213> ORGANISM: Artificial
      294 <220> FEATURE:
      295 <223> OTHER INFORMATION: FP Receptor Probe
      297 <400> SEQUENCE: 17
      298 cacaacctgc cagacggaaa accg                                  24
      301 <210> SEQ ID NO: 18
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302 <211> LENGTH: 20
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Ribosomal 18S Fwd Primer
309 <400> SEQUENCE: 18
310 cggctaccac atccaaggaa                                         20
313 <210> SEQ ID NO: 19
314 <211> LENGTH: 18
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Ribosomal 18S Rev Primer
321 <400> SEQUENCE: 19
322 gctggaatta ccgcggct                                           18
325 <210> SEQ ID NO: 20
326 <211> LENGTH: 22
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Ribosomal 18S Probe
333 <400> SEQUENCE: 20
334 tgctggcacc agacttgccc tc                                      22
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 04/11/2007
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 1
Seq#:14; Xaa Pos. 1

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

VERIFICATION SUMMARY   DATE: 04/11/2007
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L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0